

Electronic Supplement to “COMPARISON OF BAYESIAN VARYING COEFFICIENT MODELS FOR THE DEVELOPMENT OF NONERGODIC GROUND-MOTION MODELS”

S1 Spatially Varying Event Terms

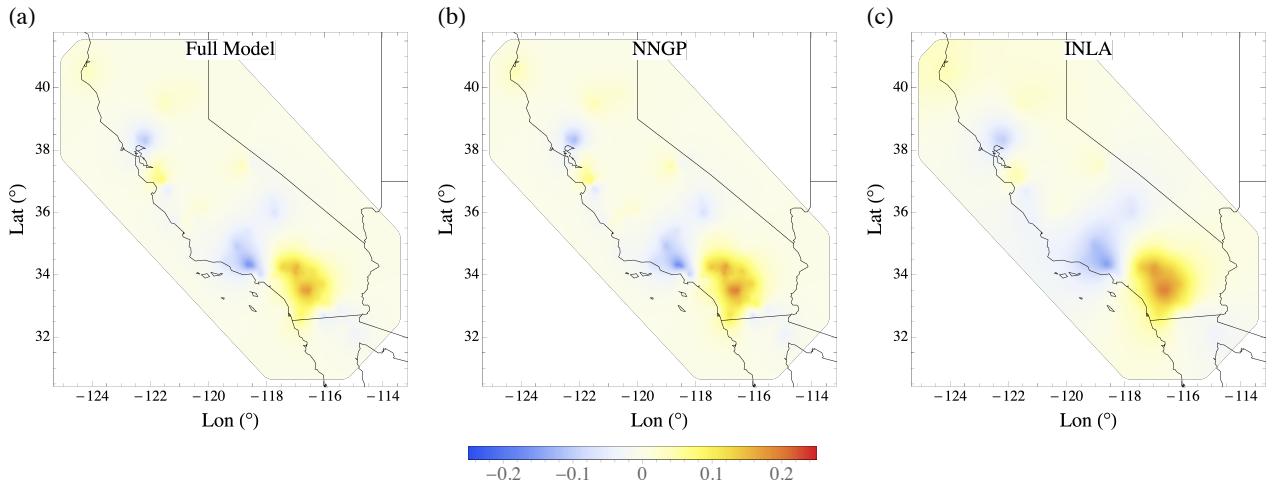


Figure S1: Spatially varying event terms δc_{eq} , for different estimation methods, and BSSA14 as the base model.

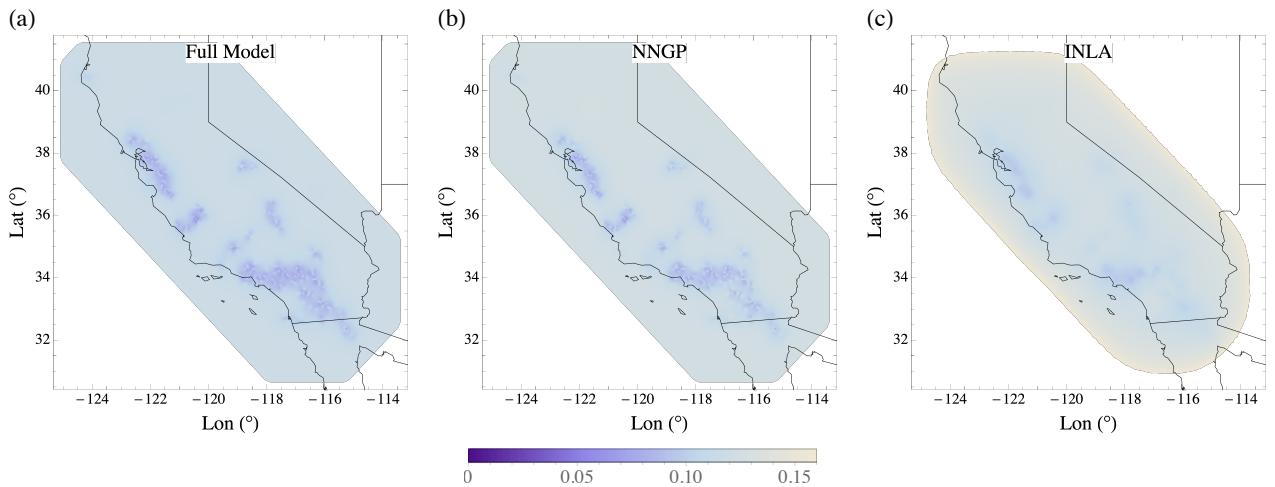


Figure S2: Epistemic uncertainty associated with spatially varying event terms δc_{eq} , for different estimation methods, and BSSA14 as the base model.

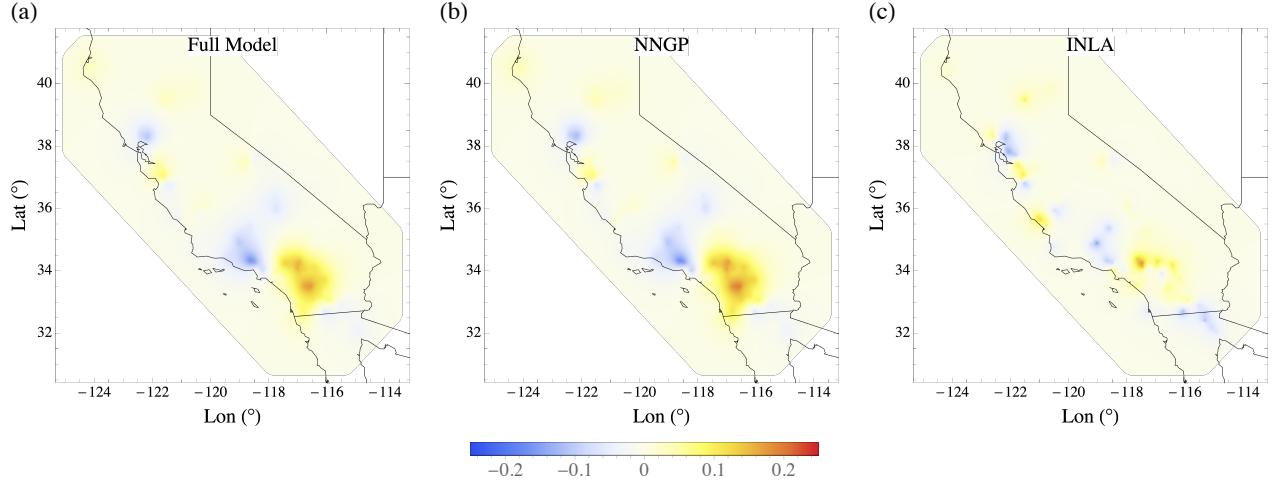


Figure S3: Spatially varying event terms δc_{eq} , for different estimation methods, and CB14 as the base model.

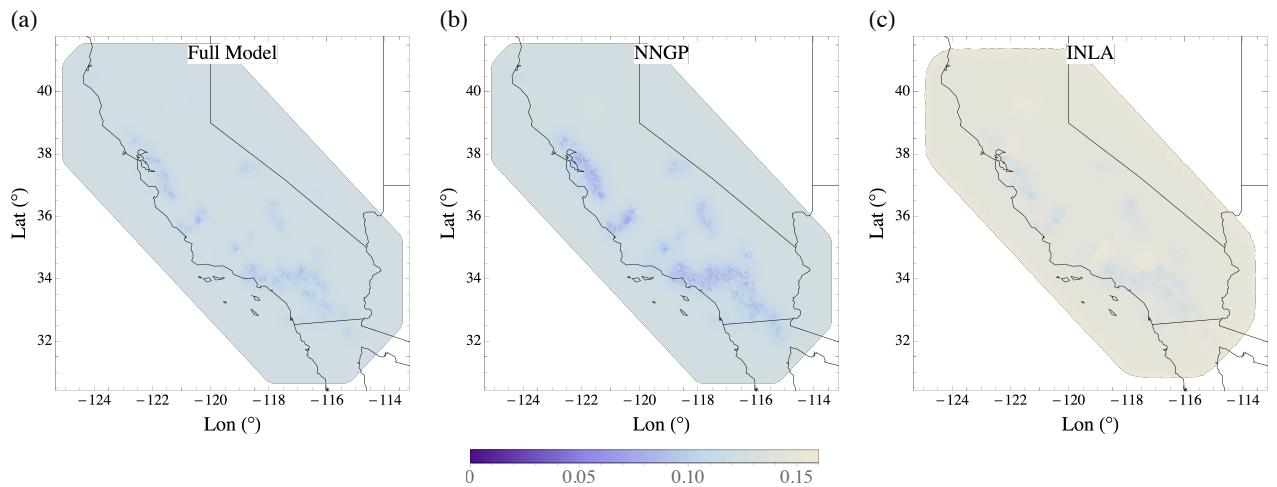


Figure S4: Epistemic uncertainty associated with spatially varying event terms δc_{eq} , for different estimation methods, and CB14 as the base model.

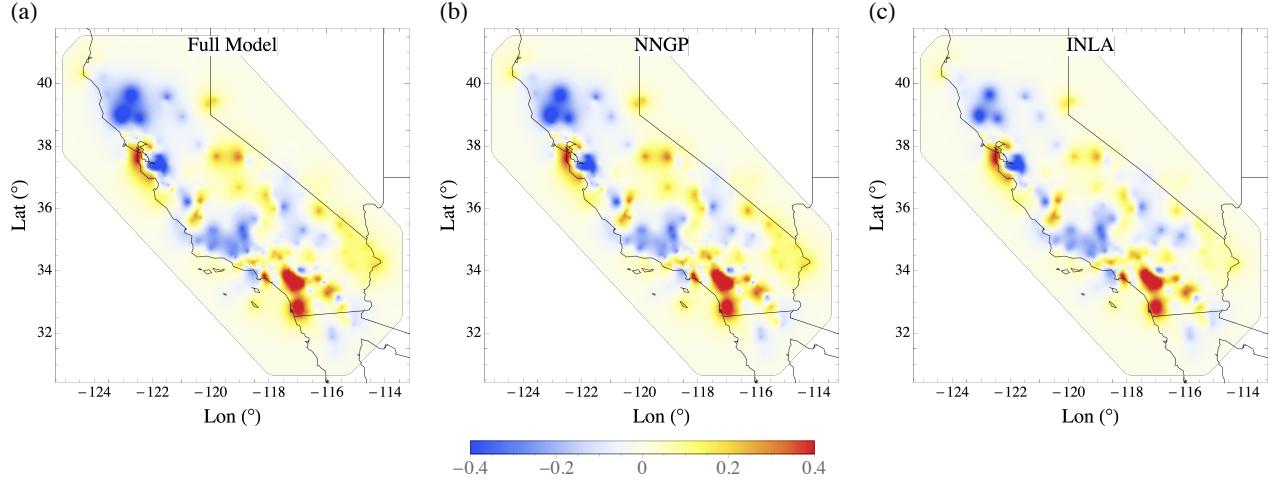


Figure S5: Spatially varying station terms δc_{stat} , for different estimation methods, and ASK14 as the base model.

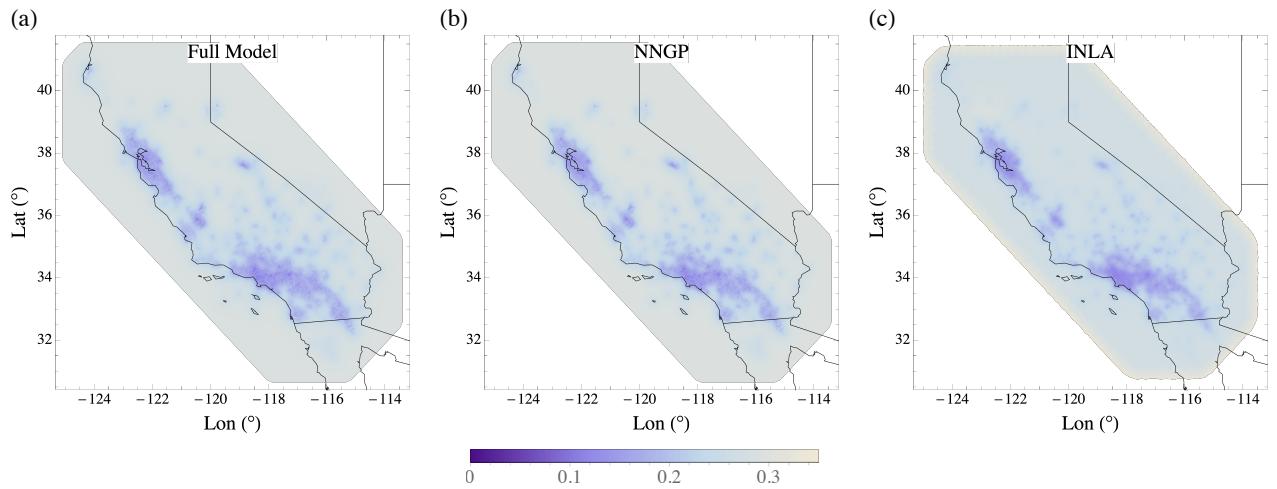


Figure S6: Epistemic uncertainty associated with spatially varying station terms δc_{stat} , for different estimation methods, and ASK14 as the base model.

S2 Spatially Varying Station Terms

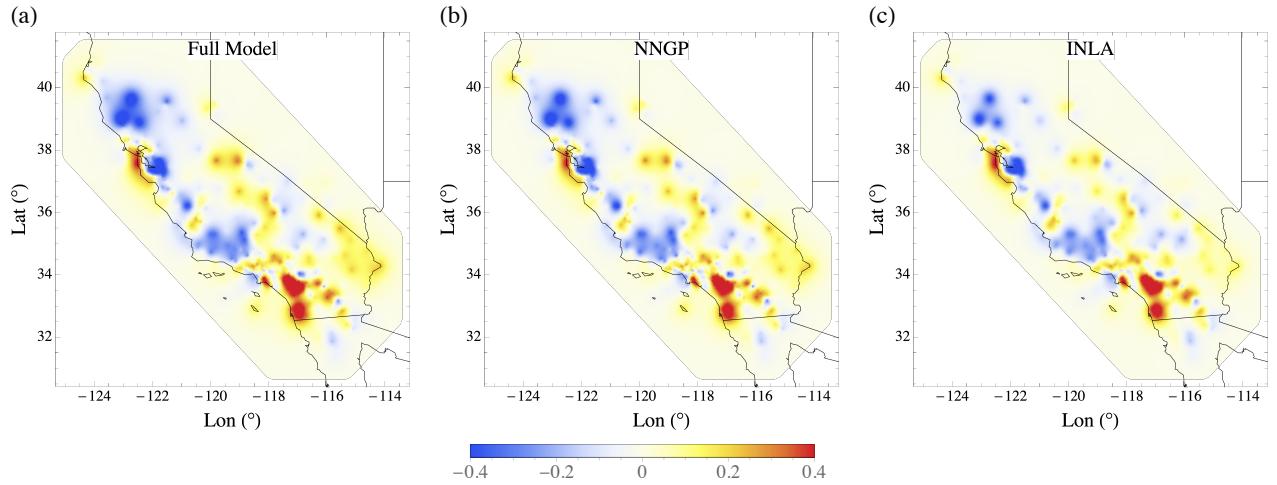


Figure S7: Spatially varying station terms δc_{stat} , for different estimation methods, and BSSA14 as the base model.

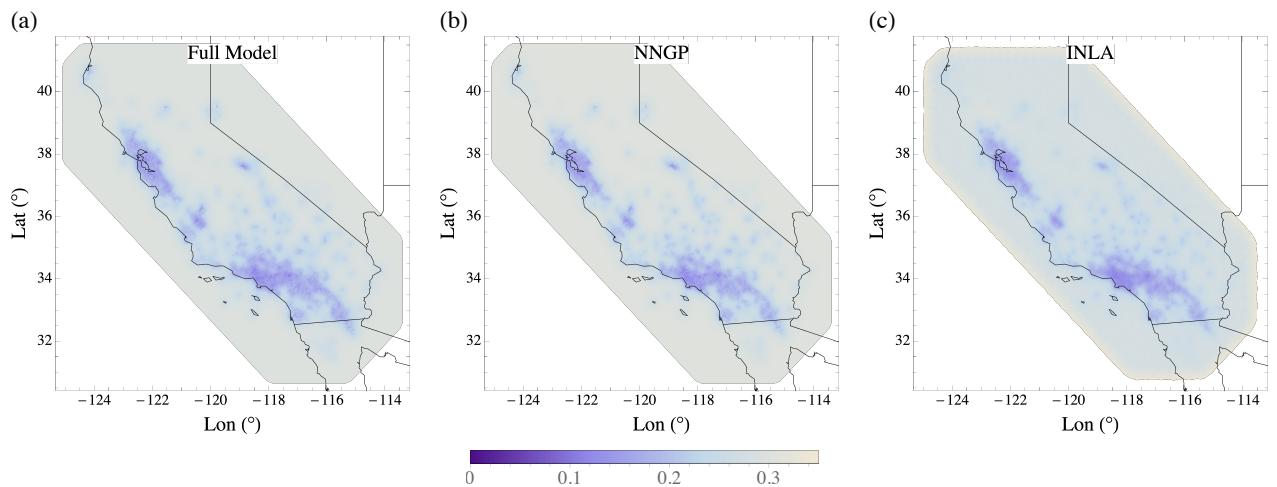


Figure S8: Epistemic uncertainty associated with spatially varying station terms δc_{stat} , for different estimation methods, and BSSA14 as the base model.

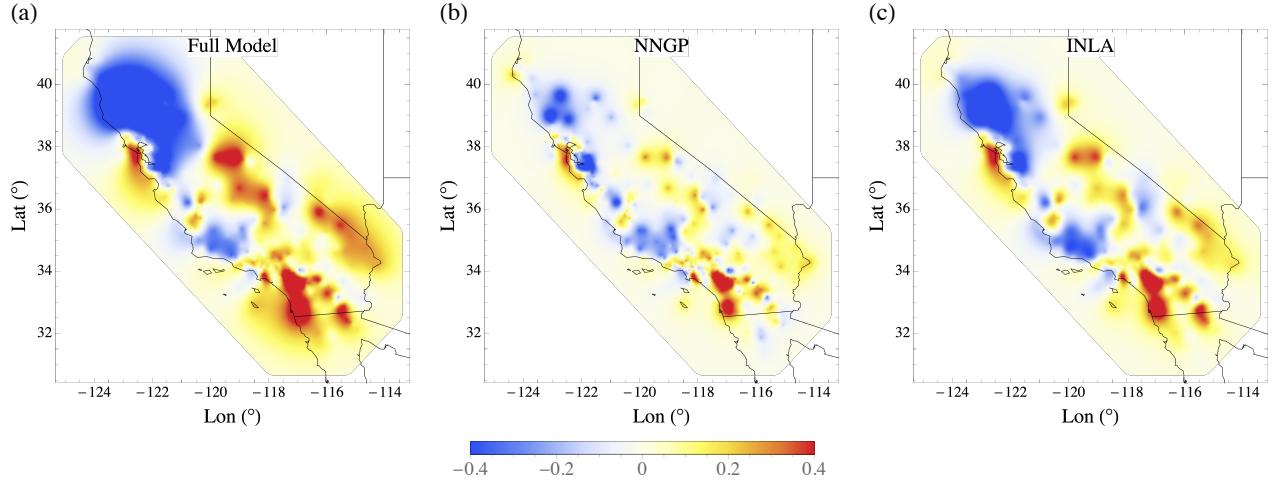


Figure S9: Spatially varying station terms δc_{stat} , for different estimation methods, and CB14 as the base model.

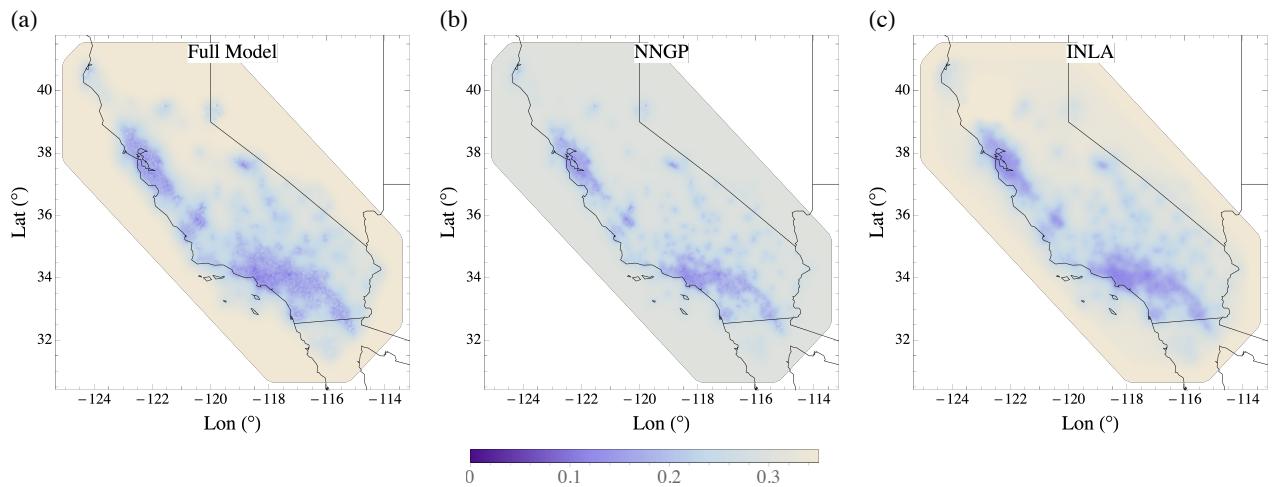


Figure S10: Epistemic uncertainty associated with spatially varying station terms δc_{stat} , for different estimation methods, and CB14 as the base model.